Temperature Controllers

Model TEC-2400 1/32 DIN

Model TEC-2400 1/32 DIN Temperature Controller

Design Features
- 1/32 DIN size – 24 mm x 48 mm
- Fuzzy Logic PID Autotune heat and cool control
- Universal input, field configurable (Type J/T/C default, PT100, mA, V) with high accuracy 18-bit D-A
- Countdown display
- RS-485 and Analog Retransmission Available
- Micro USB Programming Port
- Fast sampling rate (200 msec)
- Manual control & auto-tune function
- Wide range of alarm mode selection
- Lockout protection
- Bumpless transfer during failure mode
- Soft-start ramp & dwell timer
- Bright LCD display using NFPA/IEC standard colors
- High performance with low cost

Agency Approvals:
RoHS, REACH, WEEE

Hardware Code: TEC-2400 -

Power Input BOX 1
4 = 90-250 VAC
5 = 11-40 VDC / 20-28 VAC

Output 1 — BOX 2
1 = Relay: 2A / 240 VAC
2 = Pulse DC for SSR drive: 5 VDC (30 mA max)
3 = Isolated, 4-20 mA (default), 0-20 mA
5 = Isolated VDC, 0-10 scalable
C = Pulse DC for SSR drive: 14 VDC (40mA max)

Output 2 / Alarm 1 BOX 3
0 = None
1 = Relay: 2A / 240 VAC
2 = Pulse DC for SSR drive: 5 VDC (30 mA max)
3 = Isolated, 4-20 mA (default), 0-20 mA
5 = Isolated, VDC, 0-10 scalable
C = Pulse DC for SSR drive: 14 VDC (40mA max)

Option 1 BOX 4
0 = None
1 = RS-485 Interface
2 = Event Input
3 = CT Input

Option 2 BOX 5
0 = None
1 = Retransmit: 4-20mA / 0-20mA
2 = Retransmit: 0-10VDC
3 = Alarm 2 Relay: 2A / 240 VAC

Note: Detailed information on features common to digital microprocessor-based TEC temperature controls and the complete Table of Input Range and Accuracy can be found on page 13-46.

Transformer for Heater Break Alarm
(0-50 Amp current)
Part Number: TEC99998
Specifications on page 13-47

View Product Inventory @ www.tempco.com